

SILICONE EMULSION**Publication number:** JP11148012**Publication date:** 1999-06-02**Inventor:** HASEGAWA KOHEI; KUWATA SATOSHI**Applicant:** SHINETSU CHEMICAL CO**Classification:****- international:** C08K5/05; C08L83/04; D21H19/32; D21H19/32;
C08K5/00; C08L83/00; D21H19/00; D21H19/00; (IPC1-
7): D21H19/32; C08L83/04; C08K5/05**- european:****Application number:** JP19970315104 19971117**Priority number(s):** JP19970315104 19971117**Report a data error here****Abstract of JP11148012**

PROBLEM TO BE SOLVED: To obtain the subject emulsion suppressed in foaming property and improved in mechanical stability without lowering surface tension by including a specific diorganopolysiloxane, a specific emulsifier, a polyhydric alcohol and water. **SOLUTION:** This emulsion is obtained by including (A) 10-60 wt.% diorganopolysiloxane having 100-1,000,000 cps viscosity (at 25 deg.C) and represented by the formula [R<1> is a 1-20C (un)saturated monofunctional hydrocarbon; R<2> is a 1-20C (un)saturated monofunctional hydrocarbon, a hydroxyl group of the formula OR<3> (R<3> is H or a 1-6C alkyl) or an alkoxy; (m) is 50-2,500], (B) 0.1-10 wt.% anionic emulsifier (e.g. sodium dodecylbenzenesulfonate), (C) 1-20 wt.% polyhydric alcohol (e.g. glycerol) and (D) the balance of water. The emulsion has ≥ 45 dyne/cm surface tension (at 25 deg.C) obtained when diluted to 50 times by deionized water and the components A, B and D preferably form an anionic emulsified polymer.

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